



Environmental Guideline Sweeping Streets	
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<i>Contact Person:</i>	Street Maintenance Operations Supervisor (Bob Streno)
<i>Controlled Copy Location:</i>	Not applicable

Activity Description
<ol style="list-style-type: none"> 1. Street sweeping to remove to remove sediment buildup, leaf litter and large debris from curb gutters. 2. Street sweeping to remove spill absorption granules (e.g., dirt, floor dry, cat litter). 3. Management of collected sweeper waste. 4. Washing street sweeping equipment.

Potential Environmental Risks
<p>The following environmental concerns are associated with this activity:</p> <ul style="list-style-type: none"> • Surface water pollutant loading. • Improper management of sweeper waste. • Air pollution (from residual solid deicer)
<p>Potential consequences from performing the activity incorrectly:</p> <ul style="list-style-type: none"> • Property damage, personal injury, damage to the environment. • Possible regulatory non-compliance, Notice of Violation and related [financial & non-financial] penalties.

Critical Operating Requirements
<u>A. General Requirements</u>
<p>Prohibited Activities</p> <ul style="list-style-type: none"> • Improper disposal of sweeper waste. • Improper discharge of sweeper water. • Washing street sweeper equipment without adequate stormwater protection. • Noncompliance with the Stormwater Management Plan (SWMP).
<p>General Considerations</p> <ul style="list-style-type: none"> • Each operator conducting street sweeping activities is responsible for understanding the applicable regulations and managing their activities accordingly; this Environmental Guideline is meant as guidance only and does not supersede any regulations.
<p>Training Requirements</p> <ul style="list-style-type: none"> • All operators of street sweeping equipment must be adequately trained in proper procedures.

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B. Planning	<i>Responsible: Operator</i>
B1. Develop and implement a training program to train street sweeping staff in implementation procedures.	
B2. Maintain adequate supplies of spill response equipment and materials in accessible locations near areas where spills are likely to occur.	

C. Critical Tasks	<i>Responsible: Operator</i>
C1. Ensure proper stockpiling and disposal of sweeper waste to prevent stormwater impacts.	
C2. Ensure proper discharge of sweeper water to prevent stormwater impacts.	
C3. Ensure proper washing of street sweepers / equipment to prevent stormwater impacts.	

D. Emergency Response	<i>Responsible: Operator</i>
If a spill occurs, refer to Environmental Guideline CCD-303.03.26 Spill Response.	
<ul style="list-style-type: none"> • Call 311 immediately (during normal business hours) or at 303-206-0001 after normal business hours for all spills. 	

E. Inspection and Maintenance Requirements	<i>Responsible: Operator</i>
Maintain street sweeping equipment according to the manufacturer’s recommended maintenance schedule.	

Expected Records / Outputs	
<u>Record / Output</u>	<u>Instructions</u>
Evidence of training	<ul style="list-style-type: none"> • While formal certifications are not always necessary, some form of “proof-of-training” (such as sign-in sheets and handouts) is expected and should be maintained on file at Street Maintenance.

References
<u>Phone Numbers</u> <ul style="list-style-type: none"> • 311 (for Spill Reporting during normal business hours).....3-1-1 • DEH DEQ Emergency Response (after normal business hours)..... (303) 206-0001 • Gary Lasswell (DEH DEQ Environmental Compliance Supervisor)..... (720) 865-5440 • Paul Bedard (Facility Compliance Program Administrator) (303) 880-9865 • Bob Streno (DPW Street Maintenance Operations Supervisor)..... (303) 458-4824

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References

Guidance Materials (list not limited to the following)

- MSDSs
- Street Sweeping Standard Operating Procedure
- WMD MS4 Permit
- MS4 Commercial/Residential Management Program

Training Materials (list not limited to the following)

- CCD-302.04 Hazardous Waste Generator and Stormwater Training
- CCD-DPW-302.02 On-the-Job Training – Fleet Maintenance

Related Environmental Guidelines (list not limited to the following)

- CCD-301.03.26 Spill Response
- CCD-301.03.10 General Regulated Waste Management

Applicable Regulations (list not limited to the following)

Federal:

- 40 CFR 50-95 Clean Air Act Regulations
- 49 CFR 100-185 DOT Regulations
- 40 CFR 122-124 NPDES Regulations for Storm Water Discharges

State:

- Air Quality Control Commission Regulation 16, Street Sanding Emissions (5 CCR 1001-18)
- Denver Municipal Separate Storm Sewer System (MS4) CDPS Permit Number COS-000001

CCD Revised Municipal Code:

- Sec. 56-102. Disposal of wastes and use of public sewers.

DPW Rules and Regulations Governing Sewerage Charge and Fees and Management of Wastewater:

- Sec. 7.01. Prohibited Discharges to the Storm Sewer System

Other Documents

- Equipment Operation standard operating procedures